

WHAT IS CLAIMED IS:

1. A print controller for determining an amount of misalignment of print position on directly printing on a label surface of an electronic information recording medium, said print controller comprising:

5 a marker print unit for controlling a printing apparatus to print a marker at a predetermined position of an adjustment medium on which a base line is previously printed to determine said amount of misalignment and which has a shape identical to said electronic information recording medium;

10 an input unit for inputting from a user at least two portion specifying information for specifying portions where said base line and said marker have a predetermined positional relationship; and

15 a misalignment amount determination unit for determining said amount of misalignment based on the positional relationship between an absolute position at which said base line should be located and the portions specified by said portion specifying information.

2. A print controller according to claim 1,

wherein one of said base line and said marker includes a circle, and

20 the other includes scale marks printed at predetermined intervals on at least two axes that are directed from the center of said adjustment medium to the circumference of said circle and differ in direction.

3. A print controller according to claim 2,

25 wherein said axes include two axes directed from the center of said adjustment medium to a x-direction and a y-direction that are reference directions for determining said amount of misalignment.

4. A print controller according to claim 3,

30 wherein scale marks on an axis directed to a direction other than said reference direction differ in distance from the center of said adjustment medium

by a predetermined amount relative to the scale marks on said axes directed to said x-direction and said y-direction.

5. A print controller according to claim 2,

5 wherein when the direction of said determined amount of misalignment is not identical to said x-direction or said y-direction that is a reference direction for determining said amount of misalignment, said misalignment amount determination unit resolves said amount of misalignment into its x-component and y-component to determine said x-component and said y-component.

10 6. A print controller according to claim 1,

wherein one of said base line and said marker includes two straight lines in said x-direction and in said y-direction that are reference directions for determining said amount of misalignment, and

15 the other includes scale marks arranged at predetermined intervals on a line that intersects with each of said straight lines at a predetermined angle.

7. A print controller according to claim 1,

20 wherein said input unit inputs portion specifying information related to portions at which said base line overlaps with said marker.

8. A print controller according to claim 1, said print controller further comprising:

25 a print data generation unit for generating print data that reflects the amount of misalignment determined by said misalignment amount determination unit and is then output to said printing apparatus.

9. A printing apparatus, said printing apparatus comprising:

30 a misalignment amount input unit for inputting an amount of misalignment determined by said print controller according to claim 1;

a print data input unit for inputting print data to be printed; and  
a print unit for correcting a print position of said print data based on said amount of misalignment and then printing.

5           10. A print controller for adjusting a print position on a printing medium printed by a printing apparatus, said print controller comprising:

a marker print unit for controlling said printing apparatus to print a predetermined marker on an adjustment medium on which a base line is previously printed to determine an amount of misalignment;

10           an input unit for inputting positional relationship specifying information that represents positional relationships between said base line and said marker on at least two positions based on an operation of a user; and

a misalignment amount determination unit for determining said amount of misalignment based on said positional relationships.

15           11. A print controller according to claim 10,  
wherein at least one of said base line and said marker is provided with scale marks for specifying said positional relationship,  
and said positional relationship specifying information is specified based  
20 on said scale marks.

12. A printing apparatus, said printing apparatus comprising:

a misalignment amount input unit for inputting an amount of misalignment determined by said print controller according to claim 10;

25           a print data input unit for inputting print data to be printed; and

a print unit for correcting a print position of said print data based on said amount of misalignment and then printing.

13. A computer-implemented method for determining an amount of  
30 misalignment of print position on directly printing on a label surface of an

electronic information recording medium, said method comprising:

controlling a printing apparatus to print a marker at a predetermined position of an adjustment medium on which a base line is previously printed to determine said amount of misalignment and which has a shape identical to said electronic information recording medium;

inputting from a user at least two portion specifying information for specifying portions where said base line and said marker have a predetermined positional relationship; and

determining said amount of misalignment based on the positional relationship between an absolute position at which said base line should be located and the portions specified by said portion specifying information.

14. A recording medium that records a program for determining an amount of misalignment of print position on directly printing on a label surface of an electronic information recording medium, said program causing a computer to perform functions of:

controlling a printing apparatus to print a marker at a predetermined position of an adjustment medium on which a base line is previously printed to determine said amount of misalignment and which has a shape identical to said electronic information recording medium;

inputting from a user at least two portion specifying information for specifying portions where said base line and said marker have a predetermined positional relationship; and

determining said amount of misalignment based on the positional relationship between an absolute position at which said base line should be located and the portions specified by said portion specifying information.